## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

n re Pa	tent A	pplica	tion of:				
Chee-hv	wan Y	ANG					
Applicat	ion No	o.: Ur	nassigned	Group Art Unit: Unassigned			
Filed: J	anuar	y 6, 20	004	Examiner: Unassigned			
For: F	PORT	ABLE	COMPUTER				
			INFORMATION DISCLOS	SURE STATEMENT			
Commis PO Box Alexand	1450		Patents 13-1450				
Sir:							
orovided subject (	d certa U.S. p	in info atent	ormation which the Examiner ma	ovisions of 37 CFR § 1.56, there is hereby ay consider material to the examination of the the Examiner make this information of record oject application.			
1	1.	Encl	osures accompanying this Inform	nation Disclosure Statement are:			
	1a. 1b. 1c. 1d.		application or a PCT Internation English language translation (c each non-English language pul Explanations of Relevancy of R	omplete or relevant portion(s)) attached to			
2. In accordance with 37 CFR § 1.98, a concise explanation of what is presently understood to be the relevance of each non-English language publication is							
	2a.		enclosed "English-language ve indicates the degree of relevan 609, Minimum Requirements for	s 2a, 2b, 2c and/or 2d) sh language publications were cited on the rsion of the search report or action which ce found by the foreign office". (See MPEP or an Information Disclosure Statement, Part elevance, pp. 600-100 to 600-101, Rev. 1,			
	2b.		set forth in the application.				

- 2c. satisfied because an English language translation (complete or relevant portion(s)) is attached to each non-English language publication.
  2d. enclosed as Attachment 1(e), hereto.
- 3. No admission is made that the information cited in this Statement is, or is considered to be, material to patentability nor a representation that a search has been made (other than search report(s) from a counterpart foreign application or a PCT International Search Report, if submitted herewith). 37 CFR §§ 1.97(g) and (h).

Respectfully submitted,

STAAS & HALSEY LLP

Gene M. Garner, II

Registration No. 34,172

Dated: January 6, 2004

1201 New York Ave., N.W., Suite 700

Washington, D.C. 20005 Telephone: (202) 434-1500 Facsimile: (202) 434-1501

.

FORM PTO-1449

## U.S. DEPARTMENT OF COMMERCE

ATTORNEY DOCKET NO. APPLICATION NO. 1572.1228 Unassigned

PATENT AND TRADEMARK OFFICE

FIRST NAMED INVENTOR

Chee-hwan YANG

FILING DATE

GROUP ART UNIT

(Use several sheets if necessary)

LIST OF REFERENCES CITED BY APPLICANT

January 6, 2004

Unassigned

#### **U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA	6,380,898	4/30/02	Moore et al.			
	AB	6,081,207	6/27/00	Batio			
	AC	6,292,144	9/18/01	Taflove et al.			
	AD						
	AE						
	AF						

#### **FOREIGN PATENT DOCUMENTS**

1 OKEIGHT ATEMT BOCOMENTO								
		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSI YES	LATION NO
	AG	10/237980	10/12/99	Korea				Х
	АН	02/80101	10/23/02	Korea				X
	Al	1 258 944	11/20/02	European				
	AJ							
	AK							
	AL					,		

### OTHER REFERENCES (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

AM				
AN				
AO .		 		

**EXAMINER** DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

ATTACHMENT 1(e)

# EXPLANATIONS OF RELEVANCY OF REFERENCES

ATTORNEY DOCKET NO.	APPLICATION NO.				
1572.1228	Unassigned				
FIRST NAMED INVENTOR					
Chee-hwan YANG					
FILING DATE	GROUP ART UNIT				
January 6, 2004	Unassigned				

10-237980 is related to a portable computer antenna.

2002-80101 is related to a portable computer antenna.